

ABSTRACT

A solid-state imaging device includes a color filter that selectively transmits incoming light. The color filter includes two $\lambda/4$ multilayer films, and an insulation layer sandwiched between the two $\lambda/4$ multilayer films. Here, each of the $\lambda/4$ multilayer films is constituted by a plurality of dielectric layers, and the optical thickness of the insulation layer is not $\lambda/4$. Since this color filter has a smaller thickness, the solid-state imaging device has a smaller size.

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